Rockfon®

Part of ROCKWOOL Group

Rockfon Mono® Acoustic FE Flecto

0.90 NRC Finished System

0.95 NRC Unfinished Panel

GWP AS LOW AS

5.06 kg CO_2-eq/1m²

0.470 kg CO_2 eq/ft²

Seamless Design, Unlimited Possibilities

- Creates a seamless, monolithic surface for sculpted and curved ceiling designs
- Panels can be shaped to follow flowing geometries with a minimum radius of 5ft
- The refined white surface provides high light reflectance and diffusion, ensuring even light distribution and reducing the need for artificial lighting
- Available in 33 Colors of Wellbeing

+ Performance

- FE edge engineered for smoother, faster installation
- Delivers high acoustic performance with finished system NRC up to 0.90 and unfinished panel NRC of 0.95
- Attach panels to existing smooth, curved surfaces, or create new ones using
- Installed by certified Rockfon Mono Acoustic professionals to ensure precision, consistency, and long-term performance

Applications

- Office
- Education
- Leisure
- Retail
- Residential



GREENGUARD

PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS UL.COM/GG UL 2818

CERTIFIED cradle to cradle SILVER

High Acoustic Absorption

Class A Fire Performance

Moisture and Sag Resistance

No tile acclimatization required.

Please refer to handling guide for details.

Smooth, Modern Aesthetics

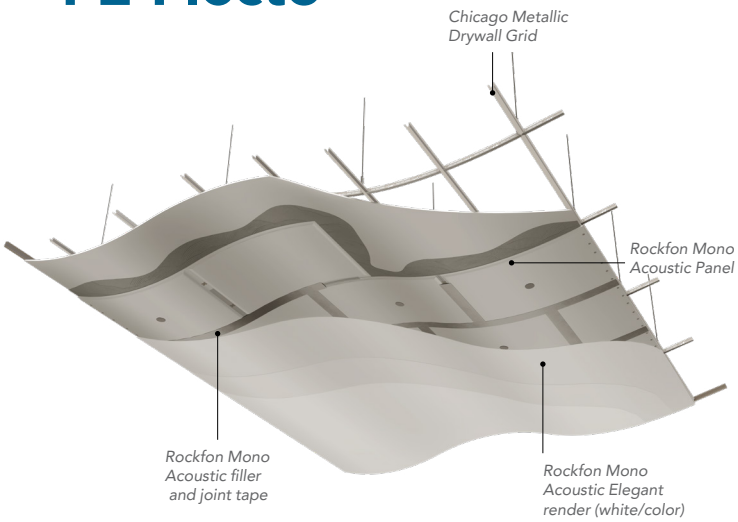
Mold and Mildew Resistance

15-year Warranty

Part of Rockfon's Closed Loop Recycle Program

Rockfon Mono® Acoustic FE Flecto

Scan to explore Rockfon Mono® Acoustic FE Flecto
Sustainability Certifications and Documentation



Rockfon Mono® Acoustic FE Flecto curves smoothly across ceilings and walls, attaching to flat or contoured framing.

Performance Properties

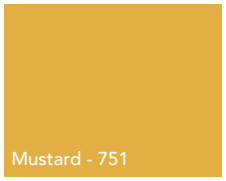
Classification	ASTM E 1264 - Standard Classification for Acoustical Ceiling Products; Type IV, Form 3, Pattern G
Base Material	Stone Wool Core with White Non-Woven Front Fleece
Joints	Rockfon Joint Tape and Joint Compound - Site Applied
Surface	Rockfon Elegant Render - Site applied (White & Color)
Warranty	15-Year Limited Component Warranty

Standard Panels

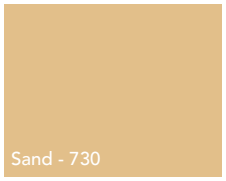
Edge Designation	Item Number	Modular Size	NRC*	Fire Class	Mold & Mildew Resistance	Sag Resistance (relative humidity)	Light Reflectance	Embodied Carbon Per 1m² (kg CO_2 - eq)	Embodied Carbon Per 1ft² (kg CO_2 - eq)	Low VOC	Recyclable	Packaging Information (Pcs/ Ctn)	Packaging Information (Sqft/ Ctn)	Packaging Information (Lbs/ Sqft)
FE Edge	377816	3'x4'x1.5"	0.95 Bare Panel / 0.90 Finished System	A	✓	up to 100%	0.87	5.06	0.470	✓	✓	6	72	4

**Rockfon® Mono® Acoustic FE Flecto unfinished panel tested per ASTM C423 & E795 (E-400 mounting) and achieves 0.95 NRC.*
Full Rockfon® Mono® Acoustic FE Flecto finished system is third-party tested and achieves 0.90 NRC when installed as per manufacturer guidelines.

Rockfon Mono® Acoustic FE Flecto - Colors of Wellbeing



Light reflectance: 0.36

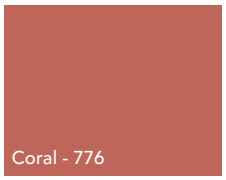


Light reflectance: 0.55

Light reflectance: 0.70



Light reflectance: 0.08



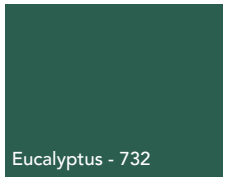
Light reflectance: 0.21

Light reflectance: 0.55

Light reflectance: 0.70



Light reflectance: 0.05

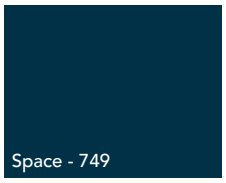


Light reflectance: 0.12

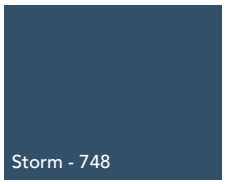


Light reflectance: 0.34

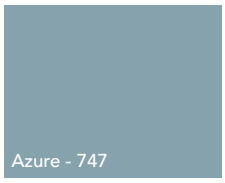
Light reflectance: 0.70



Light reflectance: 0.04



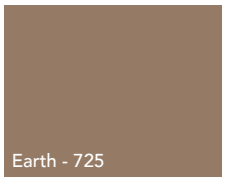
Light reflectance: 0.08



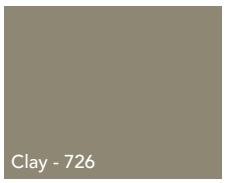
Light reflectance: 0.34



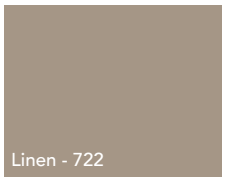
Light reflectance: 0.51



Light reflectance: 0.22



Light reflectance: 0.22

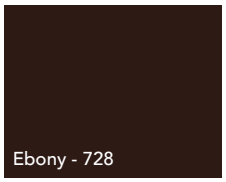


Light reflectance: 0.29

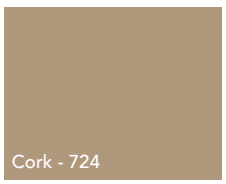


Light reflectance: 0.49

Light reflectance: 0.51



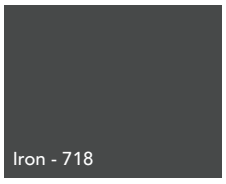
Light reflectance: 0.04



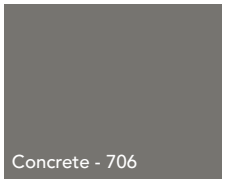
Light reflectance: 0.30



Light reflectance: 0.45



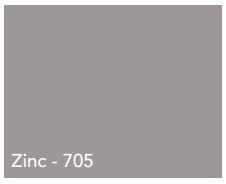
Light reflectance: 0.07



Light reflectance: 0.16



Light reflectance: 0.33



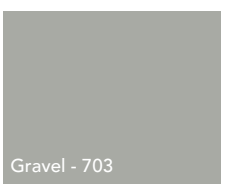
Light reflectance: 0.33



Light reflectance: 0.04



Light reflectance: 0.07



Light reflectance: 0.34

Light reflectance: 0.58

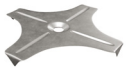
Light reflectance: 0.55

Light reflectance: 0.74

Due to the nature of the spray application and texture of Mono Acoustic Elegant Render, the surface appearance might - in particular light conditions - deviate from printed colors. Light reflection values are indicative values and are subject to the way of render application and texture of the surface.

Rockfon Mono® Acoustic FE Flecto

Accessories

	Detail	Rockfon Product Number	Component	Finish	Packaging	
					Quantity	Weight (Kg/Ctn)
Mono Acoustic Accessories		248229	Mono Acoustic Mounting Bracket	Galvanized Steel	150 pcs ctn	1.8
		89866	Mono Acoustic Washer	Galvanized Steel	6 pcs ctn	0.5
		179322	Mono Acoustic Joint Tape	Glass Fiber	150 lm rolls	2
		309381	Mono Acoustic Joint Compound	Powder	15 kg bag	15
		309992	Mono Acoustic Elegant Render	Paint	15 kg bucket	15
Colors		Color Dependant	Mono Acoustic Elegant Render	Paint	15 Kg Bucket	15
		137604	Rockfon Mono Acoustic Filler Always use Mono Acoustic Filler when using Mono Acoustic Color Render.	Pre-mixed	20 Kg Bucket	20
Trims		252565	Infinity Perimeter Trim Straight*	Primed	Project Dependent	Project Dependent
		252566	Infinity Perimeter Trim Curved*	Primed	Project Dependent	Project Dependent
Edge Treatment		345483	Rockfon Mono Acoustic Edge Knife This specially developed Edge knife gives you the opportunity to cut a recessed edge on site, ensuring flexibility and minimum waste.	-	-	-

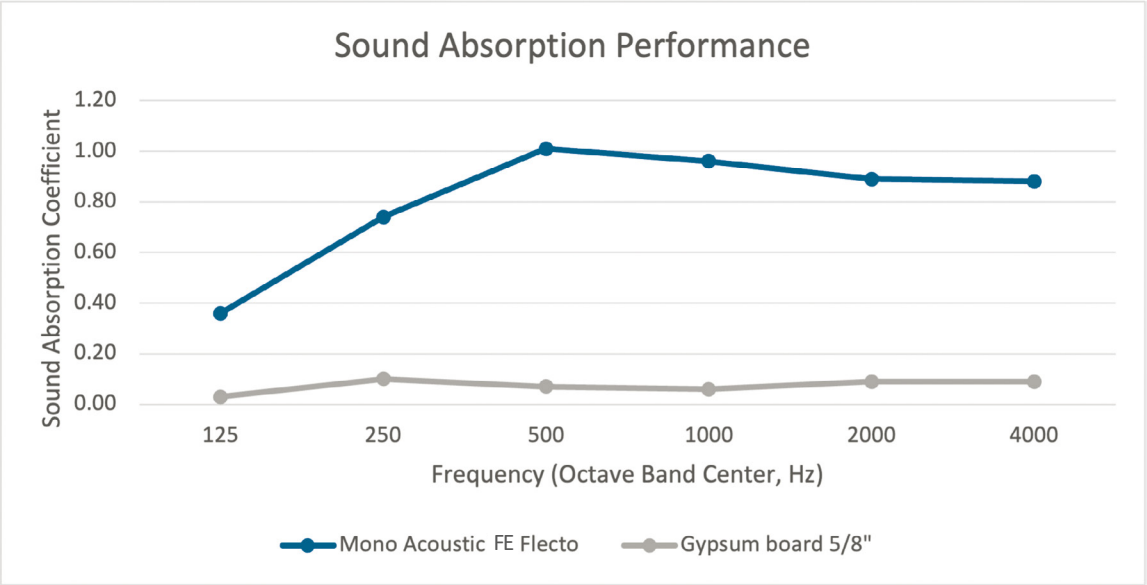
**Use Rockfon® Infinity™ D Drywall Perimeter Trim for Floating Islands and Peninsulas.*

Scan for Installation Guide

Rockfon Mono® Acoustic FE Flecto

Acoustics

Mono Acoustic FE Flecto Sound Absorption Performance



Rockfon Mono Acoustic offers the seamless visual appearance of gypsum with the addition of excellent sound absorption.

Mono Acoustic FE Flecto Sound Absorption Testing in accordance with ASTM C423 - E-Mount

Frequency (Octave Band Center, Hz)	125	250	500	1000	2000	4000	NRC	SAA
Mono Acoustic FE Direct System	0.36	0.74	1.01	0.96	0.89	0.88	0.90	0.92

Mono Acoustic systems performance includes Mono Acoustic panels, Mono Acoustic joint filler and Mono Acoustic Elegant Render.

Rockfon Mono® Acoustic FE Flecto Properties

ASTM E1264 Classification
ASTM E1264 (2022): Type IV, Form 3, Pattern E
ASTM E1264 (2023): Type A, Form A2.3, Pattern E

Acoustic Performance
Rockfon Mono® Acoustic FE Flecto Ceiling panels are tested for Noise Reduction Coefficient (NRC) according to the following ASTM standard:
✓ NRC – Tested to ASTM C423

Fire Performance
Rockfon Mono® Acoustic FE Flecto tiles are tested for Surface Burning Characteristics to UL 723 (ASTM E84) for the US and CAN/ULC-S102 for Canada, and achieve:

Tested to US Standard UL 723 (ASTM E84):	Flame Spread Index: 15 Smoke Developed Index: 5
Canadian Standard CAN/ULC S102:	Flame Spread Rating: 10 Smoke Developed Classification: 5

Mold and Mildew Resistance
Stone wool is inherently resistant to mold and mildew without added antimicrobials. Both, tile surface and substrate, are tested to:
✓ ASTM D3273 (Standard Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings)
✓ ASTM C1338 (Standard Test Method for Determining Fungi Growth Resistance of Insulation Materials and Facings)

Humidity Resistance
Stone wool ceiling tiles are inherently humidity resistant and are tested to ASTM C367 (Standard Test Methods for Strength Properties of Prefabricated Architectural Acoustical Tile or Lay-In Ceiling Panels) and won't sag or warp even in 100% relative humidity

Cleaning
✓ Vacuum

Visual Appearance
L value: 94.5 The whiteness (L value) of the product is tested in accordance with ISO 7724 and measured on a scale from 1 (black) to 100 (white)

Light Reflection and Light Diffusion
87% Light reflection (White)
>99%Light diffusion (White)
Color-dependent (Color)

Warranty
15-Year Limited Product Warranty.
See rockfon.com

Sustainability

Transparency
✓ Environmental Product Declaration (Product-Specific, Type III)
✓ Cradle to Cradle Certified Silver

Low-Emitting Materials
UL GREENGUARD certified for low VOC (chemical) emissions and meet the California Department of Public Health (CDPH) Standard Method v1.2-2017 for offices and classroom environments

Embodied Carbon
Global Warming Potential (GWP) kg of CO_2-eq (per functional unit) from stages A1 - A3 for SQ Edge: 5.06 kg CO_2-eq (per $1m^2$)

Rockcycle - Closed Loop Recycle Program
All stone wool ceiling tiles are eligible for the Rockcycle program. Please contact rockcycle@rockfon.com for more information

Discover Rockfon Mono® Acoustic FE Flecto
on Ecomedes and see how it aligns with the Common Materials Framework (CMF)

Find us on MasterSpec® Powered by Deltek Specpoint®

Notes:

Mono Acoustic panels are finished on-site with Mono Acoustic joint compound, Mono Acoustic joint tape and Mono Acoustic Elegant Render spray-applied acoustical surface treatment.

Rockfon Mono® Acoustic should only be installed, maintained and repaired by certified Rockfon Mono® Acoustic Installers. Please contact Rockfon customer service for contact details of your nearest certified installer.

Mono Acoustic systems are suitable for interior ceiling and wall applications not subject to impact.

If the finished installation is repainted, a reduction in sound absorption should be anticipated.

Refer to rockfon.com for design, components and installation recommendations.

Rockfon.com

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